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Title: Perfect score:

US-10-091-628-2 1979

1- MRANCSSSSSCPANSSEEEL...

......PGPMDCHRALEPVGHITSCE

Scoring table:

BLOSUM62 Gapop 10.0 ,

Gapext 0.5

OM protein - protein search, using sw model

Copyright

GenCore version 5.1.6 (c) 1993 - 2003 Compugen

Ltd

on:

June 9, 2003, 07:08:10; Search time 146 Seconds (without alignments)

266.586 Million cell updates/sec

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database

Minimum DB Maximum DB

seq length: 0 seq length: 2000000000

Total number of hits satisfying chosen parameters:

392085 seqs, 103240269 residues

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US-10-091-628-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Wilganowski, Nathaniel
APPLICANT: Nepomnichy, Boris
APPLICANT: Burnett, Michael B.
APPLICANT: Hu, Yi
                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 377; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 2
LENGTH: 377
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                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/275,009
PRIOR FILING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: US 60/284,152
PRIOR FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Nepomnichy, Boris
APPLICANT: Burnett, Michael B.
APPLICANT: Burnett, Michael B.
APPLICANT: Hu, Yi
TITLE OF INVENTION: No. US20020164627A1el Human Transporter Proteins and Polynucleoti
TITLE OF INVENTION: Same
FILE REFERENCE: LEX-0314-USA
CURRENT APPLICATION NUMBER: US/10/091,628
CURRENT FILING DATE: 2002-03-06
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US-09-966-782A-17
US-10-228-264-4
US-10-228-264-12
US-09-915-242-11566
US-09-815-242-12410
US-09-815-242-12410
US-09-815-242-12410
US-09-918-626-3927
US-09-948-777-2
US-09-948-777-2
US-10-120-604-138
US-10-120-948-4
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US-10-99-918-192A-483
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Pred. No. 2.1e-173;
); Mismatches 0;
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US-10-091-628-2 US-10-091-628-5 US-09-738-626-4892 US-09-738-626-6054

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No. is the number of results predicted by chance to have a greater than or equal to the score of the result being printed. s derived by analysis of the total score distribution.

SUMMARIES

Published\_Applications\_AA:\*

1: /cgn2\_6/ptodata/1/pubpaa/US08/NEW\_PUB.pep:\*

2: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*

3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*

4: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep:\*

5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep:\*

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13: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB.pep:\*

14: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep:\*

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Sequence 2, Appli
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Sequence 80, Appli
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Sequence 6700, Ap
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US-09-989-919-108

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RESULT 3
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Sequence 4892, Application US/09738626 Publication No. US20020197605A1 GENERAL INFORMATION:
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LENGTH: 438
TYPE: PRT
ORGANISM: Homo sapiens
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Best Local :
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APPLICANT: Hu, Yi
TITLE OF INVENTION: No. US20020164627A1el Human Transporter Proteins and Polynucleoti
TITLE OF INVENTION: Same
FILE REFERENCE: LEX-0314-USA
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APPLICANT: Wilganowski, Nathaniel L.
APPLICANT: Nepomnichy, Boris
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NUMBER OF SEQ ID NOS: 6
SCFTWARE: FastSEQ for Windows Version 4.0
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CURRENT FILING DATE: 2002-03-06
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TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: J9 9/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PATENTIN TOPS
SEQ ID NO 4892
LENGTH: 335
TYPE: PRI
TYPE: PR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 4
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6054, Application US/09738626 Publication No. US20020197605A1
                                                                                                                                                                                                                                                                                               APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIZOGUCHI, HIROSI
APPLICANT: ANDO, SEIKO
APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIAI, KEIKO
                     APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
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   PRIOR APPLICATION NUMBER: JP 99/377484
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Local Similarity 25.7%; Pred. No. 1.3e-16;
hes 76; Conservative 72; Mismatches 127;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   272
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          149 TWSWSLQQNLTIPYQNIGITLY-CLTIPYAFGVYYNYRWPKQSKIILKIGAVVGGVLLLV 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100 VLQLPAEIAAGVILVGCAPGGTSSNVVSYLSRGDVALSVTMTSISTLLAPIFTPLLTL--
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         31 ELVETVVSTV--MMGLLMFSLGCSVEIRKLWSHIRRPWGIAVGLLCQFGLMPFTAYLLAI 88
                                                                                                                                                                                                      HAYASHI, MIKIRO
OCHIAI, KEIKO
YOKOI, HARUHIKO
TATEISHI, NAOKO
SENOH, AKIHIRO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MQN-----SGLAAGLASQYMSPMSALPGAIFSVWHNLSGALLAALCRASDKRAAEK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AQNIQMCITMLQLSFTAEHLVQMLSFPLA-YGLFQLIDGFLIVAAYQTYKRRLKNK 318
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TATEISHI, NAOKO
SENOH, AKIHIRO
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US-09-864-761-46433
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Best Local Similarity
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PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
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CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
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                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 60/207,456
                                                                                                     APPLICATION NUMBER: PCT/US01/00664
                                                                                                                           FILING DATE:
                                                                                                                                             FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                   APPLICATION NUMBER: US 60/236,359
                                                                                                                                                                                                                                                     FILING DATE!
                                                                                                                                                                                                                                                                           APPLICATION NUMBER: GB 24263.6
                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                             APPLICATION NUMBER: PCT/US01/00669
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Chen, Wensheng
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  NUMBER: PCT/US01/00669
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Pred. No. 2.8e-16;
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US-09-966-871-80
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                                                                                                                                                                                                                                                                                                            NUPLE...
SOFTWARE: Fast.
SEQ ID NO 80
SEQ TH: 372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 80, Application US/09966871
Patent No. US20020127539A1
GENERAL INFORMATION:
APPLICANT: Kopin, Alan S.
TITLE OF INVENTION: Assays for Identifying Receptors Having
TITLE OF INVENTION: Alterations in Signaling
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Annomax Sequence Listing Engine vers. 1.1 SEQ ID NO 46433 LENGTH: 65
                                                                                                                                                                   Matches
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                                                                                                                                                                                                        Query Match
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PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-66-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/288,644
PRIOR FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 87
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CURRENT APPLICATION NUMBER: US/09/966,871
CURRENT FILING DATE: 2001-09-28
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                                                                                                                                                                                                                                                                                            LENGTH: 37
TYPE: PRT
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OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.4
OTHER INFORMATION: EST HUMAN HIT: T67695.1, EVALUE 1.00e-18
OTHER INFORMATION: SWISSPROT HIT: Q14973, EVALUE 2.00e-34
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 2001-0: APPLICATION NUMBER: FILING DATE: 2001-0:
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63
                                       61 HIRRPWGIAVGLLCQFGLMPFTAYLLAIS---FSLKPVQAIAVLIMGCCPGGTISNIFTF 117
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                                                                                                                         3 ANCSSS--SACPANSSEEELPVGLEVHGNLELVFTVVSTVMMGLLMFSLGCSVEIRKLWS
                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                            FastSEQ for Windows Version 4.0
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                                                                                                                                                                     Conservative
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GLLGNVLVMFGIVRYTKMKTATNIYIFNLALADALATSTL---PFQSAKYLMET 113
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Pred. No. 6.3e-06;
                                                                                                                                                                 Score 114; DB 10;
Pred. No. 0.021;
1; Mismatches 150,
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US-10-039-645-80
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 80, Application US/10039645 Patent No. US20020147170A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Constitutively Active, Hypersensitive,
TITLE OF INVENTION: and No. US20020147170A1functional Receptors as No. US20020147170
FILE REFERENCE: 00398/510002
CURRENT APPLICATION NUMBER: US/10/039,645
CURRENT FILING DATE: 2001-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/243,550 PRIOR FILING DATE: 2000-10-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kopin, Alan S.
APPLICANT: Beinborn, Martin
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10-039-645-80
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                         327
                                                               259
                                                                                                        271
                                                                                                                                                205 PŚWYWDTVTKICVFLFAFVVPILIITVCYGLMLL-----KLRSVRLLSGSKEKDRSLRR 258
                                                                                                                                                                                  218 GSWNSD----ITLLTISFIFPLIGHVTGFLLALFTHQSWQRCRTISLETGAQNIQMC---
                                                                                                                                                                                                                             145 DRYIAVCHPVKALDFRTPAKAKIINICIWVLASGVGVPIMVMAVTRPRDGAVVCMLQFPS
                                                                                                                                                                                                                                                        174 ---IPVAFGV-YVNYRWPKQSKII---LKIGAVVGGVLLLVVAVA----GVVLA----K
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                                                                                                                                                                                                                                                                                                             114 WPFGEL-----LCKAV----
                                                                                                                                                                                                                                                                                                                                                    118 WVDGDMDLSISMTTCSTVAALGMMPLCIYLYTWSWSLQQNLTIPYQNIGITLVCLT----
                                                                                                                                                                                                                                                                                                                                                                                              63
                                                                                                                                                                                                                                                                                                                                                                                                                                    61 HIRRPWGIAVGLLCQFGLMPFTAYLLAIS---FSLKPVQAIAVLIMGCCPGGTISNIFTF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             17 ANASDAYPSACPSAGANASGPPGARSASSLALAIAITA------LYSAVCAV-----
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TEVCHTRKSTSSRETNAFLEVNEEGAITP-----GPPGPMDCHRALEPVG--HITSC 376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANCSSS--SACPANSSEEELPVGLEVHGNLELVFTVVSTVMMGLLMFSLGCSVEIRKLWS
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                                                                                                   ITMLQLSFTAEHLVQMLSFPLAYGLFQLID----GFLIVAAYQTYKRRLKNKHGKKNSGC 326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ---IPVAFGV-YVNYRWPKQSKII---LKIGAVVGGVLLLVVAVA----GVVLA-----K 217
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                                                                                                                                                                                                                                                                                                                                                                                              ----GLLGNVLVMFGIVRYTKMKTATNIYIFNLALADALATSTL---PFQSAKYLMET
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                                                               ITRMVLVVVGAFVVCWAPIHIFVIVWTLVDIDRRDPLVVAAL-----HLCIALGYANSSL 313
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5.8%; Score 114; DB 12; Length 372; ilarity 21.3%; Pred. No. 0.021; Conservative 61; Mismatches 150; Indels 11
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                                                                                                                                                                                                                                                                                                             -----ISIDYYNMFTSIFTLTMMSV
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US-09-935-799A-5
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LENGTH: 772
TYPE: PRT
                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn ver
SEQ ID NO 5
LENGTH: 772
                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/09935799A Patent No. US20020137912A1 GENERAL INFORMATION:
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                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                     APPLICANT: MOCKEL, Bettina, et al. TITLE OF INVENTION: NUCLEOTIDE SEQUNCES WHICH CODE FILE REFERENCE: 032301 WD 195
CURRENT APPLICATION NUMBER: US/09/935,799A
CURRENT FILING DATE: 2002-02-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/935,799A
CURRENT FILING DATE: 2002-02-07
NUMBER OF SEQ ID NOS: 7
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                                                                                                                                            TYPE: PRT ORGANISM: Corynebacterium glutamicum
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      314 NPVLY-----AFLDENFKRCFRQLCRKPCGRPDPSSFSRAREATARERVTAC 360
                                            64;
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      SSEEELPVGLEVHGNLE-----LVFTVVSTVMMGLLMFSLGCSVEIRKLWSHIRRPWG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TLALALIGY--GIMAAI 312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SFIFPLIGHVTGFLLAL 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TIPVA--FGVYVNYRWPKQSKIILKIGAVVGGVLLLVVAVAGVVLAKGSWNSD-ITLLTI 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   QMVRDEMGTVGGAAGILATISIMIIIIAV-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAVG-----SYIIAFSFYARLIEYKVVKPKDQRATPAEYVNDGKDYVPTDRRVL 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IAVGLLCQFGLMPFTAYLLAISFSLK-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TIPIALFMGVYLRYLRPGRVTEV----SIIGVALLLLAIVAGGWVADTSWGVEWFTWSKT
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                                            Conservative
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                                                                                                                                                                                                                             version 3.1
                                                               20.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PVQAIAV-----LIMGCCPGGTISNIFTFWVD-----
                                            44;
                                                               Score 113.5; DB 10; Pred. No. 0.059;
                                            Mismatches
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                                                                                                                                                                                                                                                                                                                                     FOR THE CSTA GENE
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                                            Indels 119;
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US-09-738-626-6866
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SOFTWARE: PatentIn ver. 3.0
SEQ ID NO 6866
LENGTH: 324
Type: nom
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                                                                                                                                                                                                           Matches
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                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES FILE REFERENCE: 249-125
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                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Corynebacterium glutamicum
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 148
                              145 IYLYTWSWSLQQNLTIPYQNIGITLVCLTIPVAFGVYVNYRWPKQ-----SKIILKIGA 198
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VMLI---MSAGGGVHVDSQVFLDIAIQLLLPFILG-QVCRRWVKNFAANKATKIVDR---
                                                                                                 KPVQAI-----AVLIMGCCPGGTISNI-FTFWVDGDMDLSISMTTCSTVAALGMMPLC 144
                                                                                                                                    FDVAVKIAIALLFFLYGARLSTQEALNGLKH-WRLHLTILAITFGIFPL-----IGIGL
                                                                                                                                                                      FTVVSTVMMGLLMFSLGCSVEIRKLWSHIRRPWGIAVGLLC-QFGLMPFTAYLLAISFSL 92
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TATEISHI, NAOKO
SENOH, AKIHIRO
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                                                                 EPMTAFVSEDIYRGILFLTLVPSTVQSSVAFTSIAKGNVAGAIVSASLSNLAGVFLTPLL
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OCHIAI, KEIKO
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                                                                                                                                                                                                                       5.3%; Score 105; DB 9; 20.3%; Pred. No. 0.12;
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                                                                                                                                                                                                         Mismatches 119;
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                                                                                                                                                                                                                                        Length 324;
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RESULT 12
US-09-738-626-6200
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-529-063-73
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US-09-529-063-73
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SEQ ID NO 73
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Patent No. US20020102542A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1997-10-07
NUMBER OF SEQ ID NOS: 117
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APPLICANT: SHIBAYAMA, SHIRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: POLYPEPTIDE, CDNA ENCODING THE POLYPEPTIDE, AND USE TITLE OF INVENTION: THE BOTH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5.3%;
Local Similarity 23.4%;
les 78; Conservative 35
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      102 IMGCCPGGTISNIFTFWVDGDMDLSISMTTCSTVAALGMMPLCIYLYTWSWSLQQNLTIP 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          42 MGLLMFSLGCSVEIRKLWSHIRRPWGIAVGLLCQFGLMPFTAYLLAISFSLKPVQAIAVL 101
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                                                                                    --WSMRLQARGGPSPLKSNSDSARLPISSGSTSS
                                                                                                                            QTYKRRLKNKHG----KKNSGCTEVCHTRKSTSS 338
                                                                                                                                                                   LRPHTQKWSHVLTLLGLSLVLGLPWALIFFSFASGTFQLVVLYLFSIITSFQGFLIFIWY
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                                                                                                                                                                                                                                                                                               -GVVLAKGSWNSD--ITLLTISFIFPLIGHVTGFLLALFTHQSWQRCRTIS 259
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Pred. No. 0.34;
5; Mismatches
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Sequence 6200, Application US/09738626
Publication No. US20020197605A1
GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI

APPLICANT: APPLICANT:

ANDO, SEIKO HAYASHI, MIKIR OCHIAI, KEIKO

APPLICANT:

MIZOGUCHI, HIROSHI

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US-10-120-604-100
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                                                       ; ORGANISM: homo US-10-120-604-100
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Publication No. US20030096347A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
ITLE OF INVENTION: HOLYNUCLECTIDES ENCODING TWO NOVEL HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: HOERBMY28 AND HORREMY29, AND SPLICE VARIANTS THEREOF
FILE REFERENCE: D0143NP
Query Match
Best Local Similarity
                                                                                                                               SEQ ID NO 100
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Best Local Similarity
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                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/300,619
PRIOR FILING DATE: 2001-06-25
NUMBER OF SEQ ID NOS: 226
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NUMBER OF SEQ ID NOS: 7059
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CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
                                                                                                                                                SOFTWARE:
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PRIOR APPLICATION NUMBER: US 60/283,145
PRIOR FILING DATE: 2001-04-11
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CURRENT FILING DATE: 2002-04-11
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                                                                                                                                                                                                                                      PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: US 60/288,468
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)9-738-626-6200
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                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        156 QNLTIPYQNIGITLVCLTIPVAFGVYVNYRWPKQSKIILKIGAVVGGVLLLVVAVAGVVL 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        140 SMIIPFQMVMFPTVKIADMLHLNNPIGIVV-LYLGFGSGLSVFMFAGFVKSIPLDVEE--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              197 --AAMIDGC---GPLQNYFRVVW------PMLKPTAITVAILNAM-------WVWN--
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                18 EELPVGLEVHGNLE----LVFTVVSTVMMGLLMFSLGCSVEIRKL---WS-----
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                                                                                                                                                PatentIn version 3.0
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TATEISHI, NAOKO
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Pred. No. 0.15;
6; Mismatches
Score 103.5; D
Pred. No. 0.32;
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RESULT 14
US-10-120-604-6
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                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/10120604
Publication No. US20030096347A1
                                                                                                                                                                                                             Query Match
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                                                                                                                                                                     Matches
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PRIOR APPLICATION NUMBER: US 60/283,161
PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: US 60/288,468
PRIOR FILING DATE: 2001-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING TWO NOVEL HUMAN G-PROTEIN COUPLED RECEPT.
TITLE OF INVENTION: HGPREMY28 AND HGPREMY29, AND SPLICE VARIANTS THEREOF
FILE REFERENCE: D0143NP
                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn
                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US 60/283,145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/120,604
CURRENT FILING DATE: 2002-04-11
                                                                                                                                                                                                                                                                                                                   LENGTH: 687
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466 EAGC----RASAIF
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                                         102 IMGCCPGGTISNIFTFWVDGDMDLSISMTTCSTVAALGMMPLCIYLYTWSWSLQQNLTIP 161
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                                                                                                                                                                                       Score 103.5; DI
Pred. No. 0.42;
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CURRENT APPLICATION NUMBER: US/10/011,370
CURRENT FILING DATE: 2001-10-22
PRIOR APPLICATION UMBER: US/09/286,085
PRIOR FILING DATE: 199-04-05
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.0 - beta
SEQ.ID NO 2
LENGTH: 687
TYPE: PRT
ORGANISM: Homo sapiens
US-10-011-370-2
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Best Local Similarity
Matches 78; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: DNA Encoding Orphan SNORF10 Receptor FILE REFERENCE: 58988
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10-011-370-2
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653
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                                                                                          593 LRPHTQKWSHVLTLLGLSLVLGLPWALIFFSFASGTFQLVVLYLFSIITSFQGFLIFIWY
                                                                                                                                   260 LETGAQNIQMCITMLQLSFTAEHLVQMLSFPLAYGLFQLI------DGFLIVAAY 308
                                                                                                                                                                                539 IILAVHRTPEGVIYPSMCWIRDSLVSYITNLGLFSLVFLFNMAMLATMVVQ-----ILR 592
                                                                                                                                                                                                                           212 ------GVVLAKGSWNSD--ITLLTISFIFPLIGHVTGFLLALFTHQSWQRCRTIS 259
                                                                                                                                                                                                                                                                        491 ----GYNLYRLVVEV-FGTYV-----PGYLLKLSAMGWGFPIFLVTLVALVDVDNYGP
                                                                                                                                                                                                                                                                                                                   162 YONIGITLVCLTIPVAFGVYVNYRWPKQSKIILKIGAVVGGV-LLLVVAVA------
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         309 QTYKRRLKNKHG----KKNSGCTEVCHTRKSTSS 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 260 LETGAQNIQMCITMLQLSFTAEHLVQMLSFPLAYGLFQLI------DGFLIVAAY 308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              539 IILAVHRTPEGVIYPSMCWIRDSLVSYITNLGLFSLVFLFNMAMLATMVVQ-----ILR 592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    162 YQNIGITLYCLTIPVAFGYYVNYRWPKQSKIILKIGAVVGGV-LLLVVAVA------
                                                                                                                                                                                                                                                                                                                                                                                                           102 IMGCCPGGTISNIFTFWVDGDMDLSISMTTCSTVAALGMMPLCIYLYTWSWSLQQNLTIP 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      42 MGLLMFSLGCSVEIRKLWSHIRRPWGIAVGLLCQFGLMPFTAYLLAISFSLKPVQAIAVL 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ch 5.2%; Score 103.5; DB 12; Length 687; l Similarity 23.4%; Pred. No. 0.42; 78; Conservative 35; Mismatches 126; Indels 95;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LRPHTQXWSHVLTLLGLSLVLGLPWALIFFSFASGTFQLVVLYLFSIITSFQGFLIFIWY 652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ----GYNLYRLVVEV-FGTYV------PGYLLKLSAMGWGFPIFLVTLVALVDVDNYGP 538
--WSMRLQARGGPSPLKSNSDSARLPISSGSTSS 684
                                          QTYKRRLKNKHG----KKNSGCTEVCHTRKSTSS 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kyaw, Hla
Pathirana, Marie Sudam
Smith, Kelli E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -----GVVLAKGSWNSD--ITLLTISFIFPLIGHVTGFLLALFTHQSWQRCRTIS 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   95; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    211
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